

Liquid head and pressure								
Newton per square meter N/m <sup>2</sup> (Pa)	Kilo Pascal (kPa)	Bar	Kilogram force per square centimeter (Kgf/cm <sup>2</sup> )	Pound force per square inch (psi)	Foot for water (ft H <sub>2</sub> O)	Meter for water (m H <sub>2</sub> O)	Millimeter of mercury (mm Hg)	Inch of mercury (in Hg)
1	0.001	0.00001	0.0000102	0.000145	0.000335	0.000102	0.0075	0.000295
1000	1	0.01	0.0102	0.145	0.335	0.102	7.5	0.295
0.00001	100	1	1.02	14.5	33.52	10.2	750.1	29.53
98067	98.07	0.981	1	14.22	32.81	10	735.6	28.96
6895	6.895	0.069	0.0703	1	2.31	0.703	51.72	2.036
2984	2.984	0.03	0.0305	0.433	1	0.305	22.42	0.882
9789	9.789	0.098	0.1	1.42	3.28	1	73.42	2.891
133.3	0.133	0.0013	0.0014	0.019	0.045	0.014	1	0.039
3386	3.386	0.0338	0.0345	0.491	1.133	0.0345	25.4	1

Discharge						
Liter per second (l/s)	liter per minute (l/m)	Cubic meter per hour (m <sup>3</sup> /h)	Cubic foot per hour (ft <sup>3</sup> /h)	Cubic foot per minute (ft <sup>3</sup> /m)	Imperial gallon per minute (Imp.Gal/m)	US gallon per minute (US.Gal/m)
1	60	3.6	127.133	2.118	13.2	15.85
0.017	1	0.06	2.118	0.035	0.22	0.264
0.278	16.667	1	35.314	0.588	3.666	4.403
0.008	0.472	0.0283	1	0.016	0.104	0.125
0.472	28.317	1.699	60	1	6.229	7.48
0.076	4.546	0.273	9.632	0.161	1	1.201
0.063	3.785	0.227	8.02	0.133	0.833	1

Liquid					
Cubic meter (m <sup>3</sup> )	Liter (L)	Milliliter (ml)	Imperial Gallon (Imp.Gal)	US Gallon (US.Gal)	Cubic foot (ft <sup>3</sup> )
1	1000	1000000	220	264.2	35.314
0.001	1	1000	0.22	0.2642	0.0353
0.000001	0.001	1	0.00022	0.000264	0.0000353
0.00455	4.546	4546	1	1.201	0.1605
0.00378	3.785	3785	0.8327	1	0.1337
0.0283	28.317	28317	6.2288	7.4805	1

Temperature		
To Convert From	To	Formula
Temperature Celsius, tc	Temperature Kelvin, tk	$K = tc + 273.15$
Temperature Fahrenheit, tf	Temperature Kelvin, tk	$K = (tF + 459.67 / 1.8)$
Temperature Celsius, tc	Temperature Fahrenheit, tf	$F = 1.8 tc + 32$
Temperature Fahrenheit, tf	Temperature Celsius, tc	$C = (tF - 32) / 1.8$
Temperature Kelvin, tk	Temperature Celsius, tc	$C = tk - 273.15$
Temperature Kelvin, tk	Temperature Fahrenheit, tf	$F = 1.8tk - 459.67$

Length					
Millimeter (mm)	Centimeter (cm)	Meter (m)	Inch (in)	Foot (ft)	Yard (yd)
1	0.1	0.001	0.0394	0.0033	0.0011
10	1	0.01	0.3937	0.0328	0.0109
1000	100	1	39.3701	3.2808	1.0936
25.4	2.54	0.0254	1	0.0833	0.0278
304.8	30.48	0.3048	12	1	0.3333
914.4	91.44	0.9144	36	3	1

Mass					
Kilogram (Kg)	Pound (lb)	Hundred weight (cwt)	Ton (T)	Ton long (Tn)	Short ton (Sh Tn)
1	2.205	0.0197	0.001	0.00098	0.0011
0.454	1	0.0089	0.00045	0.00045	0.0005
50.802	112	1	0.0508	0.05	0.056
1000	2205	19.684	1	0.9842	1.1023
1016	2240	20	1.0161	1	1.102
907.2	2000	17.857	0.9072	0.8929	1

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